FUTURE FISHERIES IMPROVEMENT PROGRAM
GRANT APPLICATION
(please fill in the highlighted areas)

I. APPLICANT INFORMATION

A. Applicant Name: Ron Pierce, Montana Fish, Wildlife and Parks

B. Mailing Address: 3201 Spurgin Road

C. City: Missoula State: MT Zip: 59804

Telephone: 406.542.5532 E-mail: rpierce@mt.gov

D. Contact Person: Same as above

Address if different from Applicant:

City: State: Zip:

Telephone: E-mail:

E. Landowner and/or Lessee Name (if other than Applicant): Meyers Company Ranch, Jim Phillips, manager

Mailing Address: 1433 Ovando-Helmville Road

City: Helmville State: MT Zip: 59843

Telephone: 406.793.5653 E-mail: phillips@blackfoot.net

II. PROJECT INFORMATION*

A. Project Name: Douglas Creek Fish Ladders

River, stream, or lake: Douglas Creek

Location: Township: 13N Range: 11W Section: 28 and 33

Latitude: -113.006722: -113.005794 Longitude: 46.835782: 46.858453 *within project (decimal degrees)*

County: Powell County

B. Purpose of Project:

Ensure fish passage at two diversions on Douglas Creek

C. Brief Project Description:

FWP conditioned a 310 permit for fish passage at two diversions on Douglas Creek. The irrigator (Meyers Company Ranch) did not feel paying for the fish ladders was reasonable. Therefore, the Conservation District, the USFWS and FWP agreed to try and find money to pay for the ladders. The landowner has agreed to use the ladders for their designed purpose, which was also a condition of the 310 permit.

D. Length of stream or size of lake that will be treated: 2 diversion points

E. Project Budget:

Grant Request (Dollars): $ 2,496.50

Contribution by Applicant (Dollars): $ Once installed, the Meyers Ranch will maintain and properly use of the ladders. In-kind $

(salaries of government employees are not considered as matching contributions)

Contribution from other Sources (Dollars): $ 2,496.50 In-kind $

(attach verification - See page 2 budget template)

Total Project Cost: $ 4,993

F. Attach itemized (line item) budget – see template

G. Attach specific project plans, detailed sketches, plan views, photographs, maps, evidence of landowner consent, evidence of public support, and/or other information necessary to evaluate the merits of the project. If project involves water leasing or water salvage complete supplemental questionnaire (fwp.mt.gov/habitat/futurefisheries/supplement2.doc).

H. Attach land management and maintenance plans that will ensure protection of the reclaimed area.

III. PROJECT BENEFITS*

A. What species of fish will benefit from this project?:

Westslope cutthroat trout are the primary species present in the Douglas Creek drainage and the primary species considered at these diversions.

B. How will the project protect or enhance wild fish habitat?:

The ladders are a first step to improve aquatic conditions on Douglas Creek. The ladders are intended to restore movement corridors and allow an avenue for fish to escape the dewatered reaches.

C. Will the project improve fish populations and/or fishing? To what extent?:

Douglas Creek was once a very productive trout stream. A legacy of diversion with no consideration of fisheries has contributed to the loss of cutthroat trout in Douglas Creek. The project will hopefully set the stage for future fisheries improvement and thereby improve fishing in Douglas Creek, Nevada Creek and the Blackfoot River near the Nevada Creek confluence.

D. Will the project increase public fishing opportunity for wild fish and, if so, how?:

Westslope cutthroat trout located near the mouth of Douglas Creek where they are now increasing in abundance. With time, improvement project like this are intended to promote recovery of cutthroat trout improve public fishing.

E. If the project requires maintenance, what is your time commitment to this project?:

The landowner agreed to use the fish ladders for their intended purpose. This was also a condition of the 310 permit.

F. What was the cause of habitat degradation in the area of this project and how will the project correct the cause?:

The old structure (concrete pin and plank diversion) had no fish passage facilities. The new structure will allow for the movement of trout.

G. What public benefits will be realized from this project?:

The public benefits relate to consideration of native trout and specifically restoring movement corridors for migratory cutthroat trout.

H. Will the project interfere with water or property rights of adjacent landowners? (explain):

no

I. Will the project result in the development of commercial recreational use on the site?: (explain):

no

J. Is this project associated with the reclamation of past mining activity?:

no

Each approved project sponsor must enter into a written agreement with the Department specifying terms and duration of the project.

IV. AUTHORIZING STATEMENT

I (we) hereby declare that the information and all statements to this application are true, complete, and accurate to the best of my (our) knowledge and that the project or activity complies with rules of the Future Fisheries Improvement Program.

Applicant Signature: [signature] Date: 11-26-14

Sponsor (if applicable):

***Highlighted boxes will automatically expand.**

Mail To: **Montana Fish, Wildlife & Parks**
Habitat Protection Bureau
PO Box 200701
Helena, MT 59620-0701

E-mail To: **Michelle McGree**
mmcgree@mt.gov

Incomplete or late applications will be returned to applicant.
Applications may be rejected if this form is modified.

*****Applications may be submitted at anytime, but must be received by the Future Fisheries Program office in Helena before December 1 and June 1 of each year to be considered for the subsequent funding period.*****

Ladder details

The dimensions of each ladder are 2.5' high x 3.0'wide x 11.5' long, and has four sets of slots (see photos). It is sloping at about 8%. The metal thickness is 3/16" and it a powder-coat finish. For cost of fabrication and powder coating is $4593.00. Installation is $400 for both ladders.

Photos 1 and 2. These photos show the existing diversions. Similar pin- and plank diversions will be installed but will allow of the retrofit of fish ladders as shown in Photos 3-5.

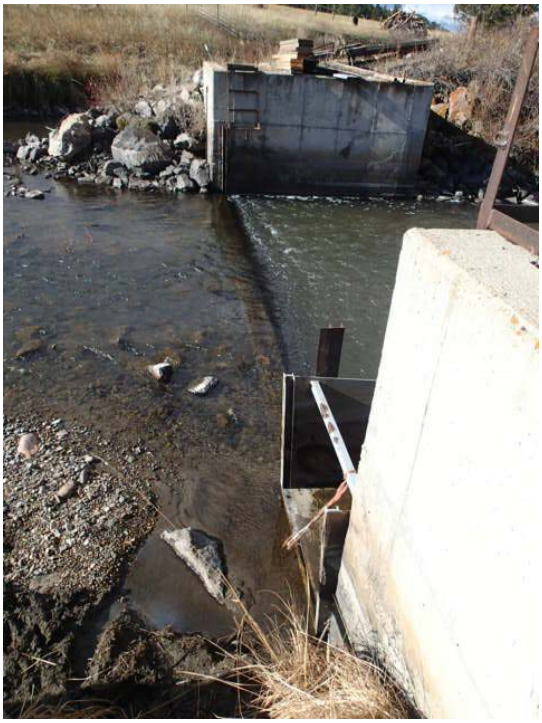
Photo 1

Photo 2

Photos 3, 4 and 5. Photo 3 shows an example of the proposed fish ladder to be used on Douglas Creek.

Photo 3. This diversion is located on Nevada Creek. It shows the same basic pin-and-plank type of diversion that will be installed on Douglas Creek.

Photos 4 and 5. These photos show the basic design of the fish ladders.



WORK ITEMS (ITEMIZE BY CATEGORY)	NUMBER OF UNITS	UNIT DESCRIPTION*	COST/UNIT	TOTAL COST	CONTRIBUTIONS			
					FUTURE FISHERIES REQUEST	IN-KIND SERVICES	IN-KIND CASH	TOTAL
Personnel								
Survey				$ -				$ -
Design				$ -				$ -
Engineering				$ -				$ -
Permitting				$ -				$ -
Oversight								$ -
Labor	2	fish ladder instal	$200.00	$ 400.00	200.00		200.00	$ 400.00
			Sub-Total	$ 400.00	$ 200.00	$ -	$ 200.00	$ 400.00
Travel								
Mileage				$ -				$ -
Per diem				$ -				$ -
			Sub-Total	$ -	$ -	$ -	$ -	$ -
Construction Materials								
	2	fish ladders	$2,296.50	$ 4,593.00	2,296.50		2,296.50	$ 4,593.00
				$ -				$ -
				$ -				$ -
				$ -				$ -
				$ -				$ -
				$ -				$ -
				$ -				$ -
				$ -				$ -
				$ -				$ -
			Sub-Total	$ 4,593.00	$ 2,296.50	$ -	$ 2,296.50	$ 4,593.00
Equipment								
				$ -				$ -
				$ -				$ -
				$ -				$ -
				$ -				$ -
				$ -				$ -
				$ -				$ -
			Sub-Total	$ -	$ -	$ -	$ -	$ -
Mobilization								
				$ -				$ -
				$ -				$ -
				$ -				$ -
				$ -				$ -
			Sub-Total	$ -	$ -	$ -	$ -	$ -
			TOTALS	$ 4,993.00	$ 2,496.50	$ -	$ 2,496.50	$ 4,993.00

*Units = feet, hours, inches, lump sum, etc.

MATCHING CONTRIBUTIONS

CONTRIBUTOR	IN-KIND SERVICE	IN-KIND CASH	TOTAL	Verified? (Y/N)
USFWS, Partners for Fish and Wildlife, Kevin Ertl	$ -	$ 2,496.50	$ 2,496.50	Yes
	$ -	$ -	$ -	
	$ -	$ -	$ -	
	$ -	$ -	$ -	
	$ -	$ -	$ -	
	$ -	$ -	$ -	
	$ -	$ -	$ -	
	$ -	$ -	$ -	
	$ -	$ -	$ -	